506344463 11/09/2020

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6391217

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTIN ERNST	05/08/2018
GERALD VORBERG	05/08/2018
THOMAS INGRAM	06/05/2018
GEORG SIEDER	05/08/2018

RECEIVING PARTY DATA

Name:	BASF SE
Street Address:	CARL-BOSCH-STRASSE 38
City:	LUDWIGSHAFEN AM RHEIN
State/Country:	GERMANY
Postal Code:	67056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16643665

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	074012-0413-00-US-598380
NAME OF SUBMITTER:	ERIN N. THEROUX
SIGNATURE:	/Erin N. Theroux/
DATE SIGNED:	11/09/2020

Total Attachments: 8

source=074012-0413-00-US-598380 - Assignment - Ernst Vorberg Ingram Seider to BASF SE#page1.tif source=074012-0413-00-US-598380 - Assignment - Ernst Vorberg Ingram Seider to BASF SE#page2.tif

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PATENT REEL: 054313 FRAME: 0376

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	-17187747.5	24 Aug 2017
European Patent	17189266.4	04 Sep 2017
PCT		
Gulf Conneration		

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

Council

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(les).

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, conflict, opposition or litigation which may arise involving the invention or the patent

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161179EP02 RecID 85460498

or patents thereon, and to execute for any and all countries any document relating to applications darived from, corresponding to or equivalent to the above identified application as Assignee may request.

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))

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PATENT REEL: 054313 FRAME: 0378 Subscribed and Declared by: Inventor: ERNST, Martin

Place

Luduigstelen

(City

Date:

₹. ೧೯ २०४३ (day, month, year)

Signature:

ERNST, Martin

Name:

ERNST, Martin

Address:

Carl-Bosch-Strasse 38, 67056 Ludwigshafen

Country:

Germany

Nationality: Germany

Employed by (at the time of invention): BASF SE

Of Country:

Germany

Subscribed and Declared by: Inventor: VORBERG, Gerald

Place:

(City)

Date:

<u>P. S. Euro</u> (day, month, year)

Signature:

VORBERG, Gerard

Name:

VORBERG, Gerald

Address:

Carl-Bosch-Strasse 38, 67056 Ludwigshafen

Country:

Germany

Nationality:

Germany Employed by (at the time of invention): BASF SE

Of Country:

Germany

Subscribed and Declared by: Inventor: INGRAM, Thomas

Place:

(City)

Date:

(day, month, year)

Signature:

INGRAM, Thomas

Name:

INGRAM, Thomas

Address:

Carl-Bosch-Strasse 38, 67056 Ludwigshafen

Country:

Germany

Nationality: Germany

Employed by (at the time of invention): BASF SE

Of Country: Germany

Subscribed and Declared by: Inventor: SIEDER, Georg

Date:

Lad wigstafen (City) 08-05-2078 (day, month, year)

Signature:

SIEDEA; Georg

Name:

SIEDER, Georg

Address:

Carl-Bosch-Strasse 38, 67056 Ludwigshafen

Country:

Germany

Nationality:

Germany

Employed by (at the time of invention): BASF SE

Of Country: Germany

Assignee Acceptance

Employer, the Assignee: BASF SE

hereby accepts the Assignment

from, the Assignor

ERNST, Martin VORBERG, Gerald INGRAM, Thomas SIEDER, Georg

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

Country	Application No.	Filing Date
European Patent	-17107747.5	24 Aug 2017
European Patent		04 Sep 2017
PCT		
Gulf Cooperation		
Council		

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/Rhine

this 12th day of June , 2018

BASF SE

1. NAME / TITLE: Dr. Thomas Cimniak SIGNATURE: Authorized Representative)

2. NAME / TITLE: Dr. Alexander Wallon SIGNATURE:

Vice President

(Authorized Representative)

Urk-Nr. / Deed registration No.: 1710/2018

- I, Dr. Matthias Meyer, notary public at Ludwigshafen/Rhine, Federal Republic of Germany, hereby testify and confirm that the foregoing signatures of
- a) Mr. Martin Ernst, business address at BASF SE, Carl-Bosch-Straße 38, 67056 Ludwigshafen, Germany, Citizen of Germany, personally known to me,
 - Mr. Gerald Vorberg, business address at BASF SE, Carl-Bosch-Straße 38, 67056 Ludwigshafen, Germany, Citizen of Germany, personally known to me.
 - c) Mr. Thomas Ingram, business address at BASF SE, Carl-Bosch-Straße 38, 67056 Ludwigshafen, Germany, Citizen of Germany, personally known to me.
 - d) Mr. Georg Sieder, business address at BASF SE, Carl-Bosch-Straße 38, 67056 Ludwigshafen, Germany, Citizen of Germany, personally known to me,

are true and valid;

- a) graduate chemist Dr. Thomas Cimniak, chemist, at Ludwigshafen/ Rhine, personally known to me,
 - b) graduate chemist Dr. Alexander **Wallon**, chemist, at Ludwigshafen/ Rhine, personally known to me,

are true and valid.

Graduate chemist Dr. Cimniak and graduate chemist Dr. Wallon are acting on behalf of BASF SE at Ludwigshafen/Rhine.

After having checked today the competent register of commerce, I herewith confirm that

graduate chemist Dr. Cimniak and graduate chemist Dr. Wallon are Vice Presidents who are authorized to jointly represent

BASF SE.

Ludwigshafen/Rhine. I certify that this firm is a legal person duly organized under the laws of the Federal Republic of Germany and under the laws of the EUROPEAN UNION and that it is registered at the District Court of Ludwigshafen/Germany (HR B 6000)

Ludwishafen/Rhine, this 12th day of June, 2018

Dr Malthias Meyer notary public

> PATENT REEL: 054313 FRAME: 0384

RECORDED: 11/09/2020