505247009 12/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5293788

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BASF CORPORATION	12/19/2018

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:	14731037

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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: 312-474-6300

Email: docket@marshallip.com, nabila@marshallip.com

Correspondent Name: MARSHALL, GERSTEIN & BORUN LLP

Address Line 1: 233 SOUTH WACKER DRIVE

Address Line 2: 6300 WILLIS TOWER

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	32471/76461-CIP
NAME OF SUBMITTER:	JOSHUA T. ELLIOTT
SIGNATURE:	/Joshua T. Elliott/
DATE SIGNED:	12/20/2018

Total Attachments: 2

source=76461-CIP Executed Corporate Assignment#page1.tif source=76461-CIP Executed Corporate Assignment#page2.tif

PATENT 505247009 REEL: 047829 FRAME: 0595

ASSIGNMENT

This assignment agreement ("Assignment") is effective as of <u>December 20, 2018</u> ("Effective Date") and entered into by and between BASF Corporation located at 100 Park Avenue, 07932 Florham Park, United States of America ("Assignor") and BASF SE, located at Carl-Bosch-Strasse 38, 67056 Ludwigshafen am Rhein, Germany ("Assignee").

For good and valuable consideration, the receipt and sufficiency of which are agreed. Assignor hereby irrevocably sells, assigns and transfers to Assignee and its successors, assigns and legal representatives, Assignor's entire right, title and interest, both legal and equitable, in U.S. Patent Application Serial No. 14/731,037 filed June 4, 2015, and to the inventions described therein and improvements thereof, all related patent applications throughout the world including those claiming priority thereto anywhere in the world, the right of priority, including without limitation to claim priority benefit of or to said patent applications, all continuations, divisionals and continuations-in-part of any of the foregoing, patents issuing from any of the foregoing, and reissues, reexaminations, extensions and foreign equivalents thereof and supplementary protection certificates allowed on any of the foregoing (collectively the "Patent Rights") for Assignee's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all income, royalties, damages or payments due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patent Rights, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives.

Upon the request of Assignee, the undersigned agrees to execute any and all documents and take actions reasonably requested to effectuate this assignment and Assignee's rights in the Patent Rights, including any oath or affidavit relating thereto, to cooperate to the best of the ability of the undersigned with Assignee in preparing and executing statements and giving and producing evidence in support of the Patent Rights, and to perform any and all acts reasonably requested by Assignee to obtain, enforce and defend the Patent Rights and vest all rights therein to Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment had not been executed.

The parties execute and deliver this Assignment by their respective signatories

Name: Suzanu Platin-Ongres Name:

Title: IPVP & DGC Title:

Date: 19 December 2018 Date:

below.

REEL: 047829 FRAME: 0596

ASSIGNMENT

This assignment agreement ("Assignment") is effective as of <u>December 20, 2018</u>, ("Effective Date") and entered into by and between BASF Corporation located at 100 Park Avenue, 07932 Florham Park, United States of America ("Assignor") and BASF SE, located at Carl-Bosch-Strasse 38, 67056 Ludwigshafen am Rhein, Germany ("Assignee").

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Upon the request of Assignee, the undersigned agrees to execute any and all documents and take actions reasonably requested to effectuate this assignment and Assignee's rights in the Patent Rights, including any oath or affidavit relating thereto, to cooperate to the best of the ability of the undersigned with Assignee in preparing and executing statements and giving and producing evidence in support of the Patent Rights, and to perform any and all acts reasonably requested by Assignee to obtain, enforce and defend the Patent Rights and vest all rights therein to Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment had not been executed.

The parties execute and deliver this Assignment by their respective signatories below.

BASF Corporation	BASF SE
x	xpg all p
Name:	Name: Dr. Alisa Zeller Dr. Olaf Schweers
Title:	Title: Vice Presidents
Date:	Date: 2 0. DEZ. 2018

PATENT REEL: 047829 FRAME: 0597

RECORDED: 12/20/2018