505231133 12/11/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAMIAN CURTIS	11/13/2018

RECEIVING PARTY DATA

Name:	BAYER CROPSCIENCE LP	
Street Address:	2 T.W. ALEXANDER DRIVE	
City:	RESEARCH TRIANGLE PARK	
State/Country:	NORTH CAROLINA	
Postal Code:	27709	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16191964
PCT Number:	US1861233

CORRESPONDENCE DATA

Fax Number: (916)661-3001

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: (916) 661-3454

Email: michelle.samonek@bayer.com, ann.inglett@bayer.com

Correspondent Name: MICHELLE L. SAMONEK
Address Line 1: BAYER CROPSCIENCE LP
Address Line 2: 890 EMBARCADERO DRIVE

Address Line 4: WEST SACRAMENTO, CALIFORNIA 95605

ATTORNEY DOCKET NUMBER:	BCS179003 WO & US01	
NAME OF SUBMITTER:	ANN H. INGLETT	
SIGNATURE:	/ahi/	
DATE SIGNED:	12/11/2018	

Total Attachments: 3

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PATENT 505231133 REEL: 047747 FRAME: 0396

ASSIGNMENT

Whereas, I, the undersigned inventor hereinafter called assignor, have invented certain improvements in and to the subject matter of:

PAENIBACILLUS-BASED ENDOSPORE DISPLAY PLATFORM, PRODUCTS AND METHODS

woods with the appropriate to a sold to a traction of the properties of the properti
was filed on: 15 NOVEMBER 2018
as United States Application No.: 16/191,964
and/or PCT International Application No.: PCT/US2018/061233

described in an application for Letters Patent the specification of which

Whereas, Bayer CropScience LP, a Delaware limited partnership, having a place of business at 2 T.W. Alexander Drive, Research Triangle Park, North Carolina 27709, U.S.A., (assignee) desires to acquire the entire right, title, and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the above named assignor, hereby sell, assign, and transfer to the above named assignee, its successors, legal representatives, and assigns, my entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I hereby agree that the assignee may apply for foreign Letters Patent on the invention and I will without further consideration, communicate all facts known to me and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I further represent and warrant that I have the full right to convey the interest assigned by this assignment, and that I have not granted any rights inconsistent with the rights granted herein. I further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made.

The Assignors hereby authorize and request our agents, the attorneys of Bayer CropScience LP, whose address is 890 Embarcadero Drive, West Sacramento, California 95605 U.S.A., to insert in the spaces provided above any further identification, including the filing date and application number, when known, which may be necessary or desirable for purposes of recordation of this Assignment

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

[signatures appear on following page(s)]

Page 1 of 3

Anus Last	11/13/12
Damian CURTIS	Date
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.	
State of California } County of Yolo }	
satisfactory evidence to be the person(s) instrument and acknowledged to me that	n CURTIS, who proved to me on the basis of whose name(s) is are subscribed to the within the same in the her/their heir signature(s) on the instrument the person(s), or
I certify under PENALTY OF PERJURY of foregoing paragraph is true and correct.	under the laws of the State of California that the
WITNESS my hand and official seal.	
Signature of Notary Public	JOSH CURRIE Notary Public - California Yolo County Commission # 2219786 My Comm. Expires Nov 21, 2021

ACCEPTANCE BY ASSIGNEE

I hereby accept this assignment on behalf Bayer CropScience LP. I declare that I am an officer of Bayer CropScience LP and have signed this document on its behalf.

Dated: November 15, 2018

ristine Kring, Assistan Secretary

NOTARIAL CERTIFICATE

STATE OF NORTH CAROLINA COUNTY OF DURHAM UNITED STATES OF AMERICA

I, <u>Janet L. King-Peterson</u>, a Notary Public for said County and State, do hereby certify that <u>Kristine Kring</u> personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____/5 the day of ____//2/em/bee_, 20 /8_,

(Official Seal)

ANOTAD SELECTION OF THE COUNTY IN THE COUNTY

Notary Public

My commission expires Dec. 27, 2019