504641275 11/14/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIKLAS TIM BRETSCHNEIDER	03/04/2017
UTA ANTJE BRETSCHNEIDER	03/03/2017

RECEIVING PARTY DATA

Name:	BAYER CROPSCIENCE AKTIENGESELLSCHAFT
Street Address:	ALFRED-NOBEL-STR. 50
City:	MONHEIM AM RHEIN
State/Country:	GERMANY
Postal Code:	40789

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15124122

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NAME OF SUBMITTER:	DAVID W. WOODWARD
SIGNATURE:	/David W. Woodward/
DATE SIGNED:	11/14/2017

Total Attachments: 3

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PATENT 504641275 REEL: 044120 FRAME: 0123

ASSIGNMENT

THIS ASSIGNMENT, made by Niklas Tim Bretschneider, whose address is Talstraße 29b, 53797 Lohmar, Germany, and Uta Antje Bretschneider, whose address is Talstraße 29b, 53797 Lohmar, Germany (collectively, "Assignors"), hereby transfers Assignors' rights as set forth in the following application for United States Letters Patent:

Title	Filing or 371(c) Date	Serial No.
Heterocyclic Compounds as Pesticides		15/124,122

("the Application").

WHEREAS, Bayer CropScience Aktiengesellschaft, a corporation with a business address of Alfred-Nobel-Str. 50, 40789 Monheim am Rhein, Germany ("Assignee"), is desirous of acquiring Assignors' entire right, title, and interest in and to said Application, including the right to claim priority therefrom, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto Assignee, its successors, legal representatives, and assigns, their entire right, title, and interest in, including the right to claim priority from, and to the above-mentioned invention and Application, and in and to any and all direct and indirect divisions, continuations, and continuations-in-part of said Application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations, and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives, and assigns that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are owners of an undivided interest in the entire right, title and interest in and to the said invention and Application above-mentioned, and that the same is unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

PATENT REEL: 044120 FRAME: 0124 AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives, and assigns, that Assignors will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of any Letters Patent and applications for Letters Patent for said invention, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives, or assigns shall advise: that any proceeding in connection with said invention, or said Application, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said invention in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to Assignee, as Assignee of said invention and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives, and assigns.

AND Assignors hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

- The practitioners associated with Customer Number 84331.

y Assignors:
ame: Niklas Tim Bretschneider
ignature: Wiklas Tron Breyschmerder
ate: <u>4,3,2017</u>
ame: Uta Antje Bretschneider
ignature: <u>Uta Anyi Indolenci W</u>
ate: 3.03, 2017
ssignee:
ayer CropScience Aktiengesellschaft
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gnature: ys 7 s. le

Title:	Senior Patent Counsel	
Date:	2017-03-13	

PATENT REEL: 044120 FRAME: 0126

RECORDED: 11/14/2017