

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QIANG YANG	10/02/2014
BETH LORSBACH	10/02/2014
GREGORY T. WHITEKER	01/20/2015
CARL DEAMICIS	10/02/2014
JOSECK M. MUHUHI	09/09/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOW AGROSCIENCES LLC
<b>Street Address:</b>	9330 ZIONSVILLE ROAD
<b>City:</b>	INDIANAPOLIS
<b>State/Country:</b>	INDIANA
<b>Postal Code:</b>	46268
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15223055
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(317)337-4847
<i>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.</i>	
<b>Phone:</b>	317-337-4589
<b>Email:</b>	gjarnecke@dow.com
<b>Correspondent Name:</b>	DOW AGROSCIENCES LLC
<b>Address Line 1:</b>	9330 ZIONSVILLE ROAD
<b>Address Line 4:</b>	INDIANAPOLIS, INDIANA 46268
<b>ATTORNEY DOCKET NUMBER:</b>	74833-US-DIV[3]
<b>NAME OF SUBMITTER:</b>	GINA A. JARNECKE
<b>SIGNATURE:</b>	/Gina A. Jarnecke/
<b>DATE SIGNED:</b>	02/26/2018
<b>Total Attachments: 8</b>	
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## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made effective this 17<sup>th</sup> day of October, 2014, by Qiang Yang; Beth Lorsbach; Gregory T. Whiteker; Carl DeAmicis; and Joseck M. Muhuhi (hereinafter referred to as Assignors), residing at 11437 Mears Drive, Zionsville, Indiana 46077; 6034 Haverford Avenue, Indianapolis, Indiana 46220; 337 Autumn Drive, Carmel, Indiana 46032; 11321 Echo Ridge Lane, Indianapolis, Indiana 46236; and 2140 N. Old Pine Trail, Midland, Michigan 48642, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in PROCESSES FOR THE PREPARATION OF A PESTICIDE COMPOUND, set forth in a Patent application for Letters Patent of the United States, already filed on as U.S. Application No. 14/517,328, filed on October 17, 2014; and U.S. Provisional Application No. 62/043,040, filed August 28, 2014, to which this application claims priority, and;

WHEREAS, Dow AgroSciences LLC, a Limited Liability Company organized under and pursuant to the laws of Delaware having its principal place of business at 9330 Zionsville Road, Indianapolis, Indiana 46268 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration and/or the remuneration received for my/our work and/or other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and to any and all priority applications, direct and indirect divisions, continuations, continuations-in-part related to said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor 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 the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

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 inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions 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 for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions 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 grant 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:

DOW AGROSCIENCES LLC

All practitioners at Customer Number 25212

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

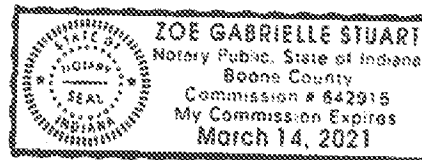
Qiang Yang  
Qiang Yang

Date: October 2, 2014

United States of America )  
State of Indiana ) ss.:  
County of Marion )

On this 2nd day of October, 2014, before me  
personally came Qiang Yang, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

Zoe Gabrielle Stuart  
Notary Public



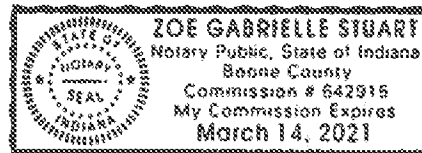
Beth Lorschbach  
Beth Lorschbach

Date: October 2, 2014

United States of America )  
State of Indiana ) ss.:  
County of Mower )

On this 2nd day of October, 2014, before me  
personally came Beth Lorschbach, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

Zoe Gabrielle Stuart  
Notary Public



Gregory T. Whiteker

Gregory T. Whiteker

Date:

January 20, 2015

United States of America

State of

Indiana

) ss.:

County of

Marion

On this

20th

day of

January

2015

, before me

personally came

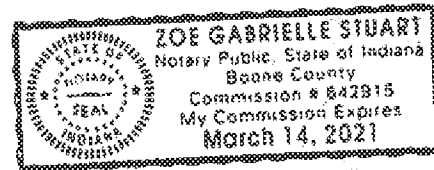
Gregory T. Whiteker

, to me known to be the individual

described in and who executed the foregoing instrument, and acknowledged execution

of the same.

Zoe Gabrielle Stuart  
Notary Public





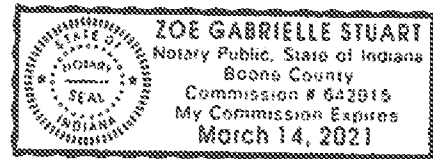
Carl DeAmicis  
Carl DeAmicis

Date: October 2, 2014

United States of America )  
State of Indiana ) ss.:  
County of Marion )

On this 2nd day of October, 2014, before me  
personally came Carl DeAmicis, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

Zoe Gabrielle Stuart  
Notary Public



*[Signature]*

Joseck M. Muluhi

Date: 09/09/2014

United States of America )  
State of Michigan ) ss.:  
County of Midland )

On this 9 day of October, 2014, before me  
personally came Joseck M. Muluhi, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

*[Signature]*  
Notary Public

*Kathy Sue Wert*  
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
MY COMMISSION EXPIRES APRIL 07, 2018

*[Handwritten mark]*

7/10/2014 10:55