PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | |
|--------------------|----------------|--|
| QIANG YANG | 10/02/2014 | |
| BETH LORSBACH | 10/02/2014 | |
| GREGORY T WHITEKER | 01/20/2015 | |
| CARL DEAMICIS | 10/02/2014 | |
| JOSECK M MUHUHI | 10/09/2014 | |

RECEIVING PARTY DATA

| Name: | DOW AGROSCIENCES LLC | |
|-----------------|----------------------|--|
| Street Address: | 9330 ZIONSVILLE ROAD | |
| City: | INDIANAPOLIS | |
| State/Country: | INDIANA | |
| Postal Code: | 46268 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14517328 |

CORRESPONDENCE DATA

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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.

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Correspondent Name: DOW AGROSCIENCES LLC Address Line 1: 9330 ZIONSVILLE ROAD

Address Line 4: INDIANAPOLIS, INDIANA 46268

| ATTORNEY DOCKET NUMBER: | 74833 NP(2) |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | MICHELE LYONS |
| SIGNATURE: | /Michele Lyons/ |
| DATE SIGNED: | 02/17/2015 |

Total Attachments: 8

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PATENT REEL: 034976 FRAME: 0085

PATENT REEL: 034976 FRAME: 0086

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made effective this 17th 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

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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 Assignce, 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 Assignce, its successors, legal representatives and assigns, whenever counsel of Assignce, 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

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comply with the rules of the United States Patent and Trademark Office for recordation of this document:

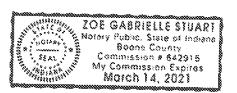
DOW AGROSCIENCES LLC

All practitioners at Customer Number 25212

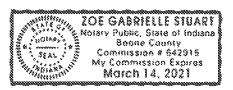
AND Assignors acknowledge an obligation of assignment of this invention to Assignce at the time the invention was made.

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| | ************************************** | Qiang ' | Yang |
| Date: Ottober S | <u> 201</u> 4 | | |
| United States of America State of County of | (1/1/1/2) (1/1/1/2) | | |
| On this day of | Ottober. | 2014 | , before me |
| | Qiang Yang | | be the individual |
| described in and who executed the of the same. | | Las Alla | d execution US Hause |
| | Notai | v Public | |



| | Beth Lorsbach |
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| Date: <u>11/1/101</u> 2, 2014 | |
| United States of America State of County of |) _) ss.:) |
| On this day of personally came Beth Lorsbace | |
| described in and who executed the foregoing of the same. | instrument, and acknowledged execution Andrew Andr |
| | Notify Public |



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|------------------------|-------------------------------|-----------------------|--|
| | | Gregory T. V | Whiteker |
| Date: M | XX 30, 3016 | | |
| United States of Ameri | ca) | | |
| State of | <u> </u> | | |
| County of | Marion) | | |
| On this | day of <u>MYWAY</u> | | , before me |
| personally came | Gregory T. Whiteker | , to me known to | |
| described in and who e | xecuted the foregoing instrun | hent, and acknowledge | d execution |
| of the same. | | Bai Holy | allo Hint |
| | Ñ | otary/Public | and the second s |
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ZOE GABRIELLE STUART
Notery Public, State of Indiana
Boans County
Commission's 842815
My Commission Expires
Morch 14, 2021

| | | Carl De | <u> Zanaz</u> Amicis | <u>aa</u> |
|--|----------------------------------|----------|----------------------------------|-----------|
| Date: //// | 201 2 , 2014 | | | |
| United States of An State of County of | nerica) | ; | | |
| On this | day of(| <u> </u> | , before me | |
| • | to executed the foregoing instru | | o be the individual ed execution | |



| | Joseph M. Muhuhi |
|------------|---|
| Date: | 09/09/2014 |
| United Su | des of America |
| State of | Michigan) 85: |
| County of | Malka |
| On this | 9 day of October 204 , before me |
| personally | The same property of the time to the time |
| described | in and who executed the foregoing instrument, and acknowledged execution |
| of the sam | C. |
| | Hotter See Worth |
| | Notary Public / |
| | Karliy Sue Weets |
| | NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN |
| | MY COMMISSION EXPINES APRIL 07, 2018 |

र्वेगक स्थानकोई अञ्चलहरू