

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3229665

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
QIANG YANG	10/02/2014
BETH LORSBACH	10/02/2014
GREGORY T WHITEKER	01/20/2015
GARY ROTH	10/06/2014
CARL DEAMICIS	10/02/2014
THOMAS P CLARK	02/02/2015
KAITLYN GRAY	01/26/2015
BELGIN CANTURK	10/02/2014
ELISABETH J KANE	10/06/2014
YU ZHANG	10/02/2014
JOSECK M MUHUHI	10/06/2014

**RECEIVING PARTY DATA**

<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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14517600

**CORRESPONDENCE DATA**

**Fax Number:** (317)337-4847

*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:** 3173374820

**Email:** mdlyons@dow.com

**Correspondent Name:** DOW AGROSCIENCES LLC

**Address Line 1:** 9330 ZIONSVILLE ROAD

**Address Line 4:** INDIANAPOLIS, INDIANA 46268

<b>ATTORNEY DOCKET NUMBER:</b>	74501 NP(3)
<b>NAME OF SUBMITTER:</b>	MICHELE LYONS
<b>SIGNATURE:</b>	/Michele Lyons/
<b>DATE SIGNED:</b>	02/17/2015

**Total Attachments: 14**

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## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made effective this 17th day of October, 2014, by Qiang Yang; Beth Lorsbach; Gregory T. Whiteker; Gary Roth; Carl DeAmicis; Thomas P. Clark; Kaitlyn Gray; Belgin Canturk; Elisabeth J. Kane; Yu Zhang; 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; 1250 East Stewart Road, Midland, Michigan 48640; 11321 Echo Ridge Lane, Indianapolis, Indiana 46236; 906 Holyrood Street, Midland, Michigan 48640; 8110 N River Rd, Freeland, Michigan 48623; 12415 N Pennsylvania St., Carmel, Indiana 46032; 609 Eastlawn Dr., Apt 101, Midland, Michigan 48640; 13481 Lablanca Bend, Carmel, Indiana 46074; 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 PESTICIDAL COMPOUNDS**, set forth in a Patent application for Letters Patent of the United States, already filed on October 17, 2014 as U.S. Application No. 14/517,600; 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 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 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

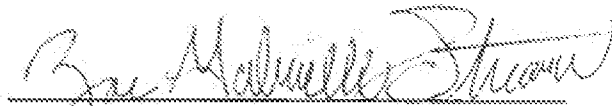
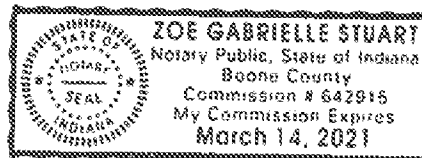
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.



Qiang Yang

Date: October 2, 2014United States of America )  
State of Indiana ) ss.:  
County of Boone )

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.

  
Notary Public

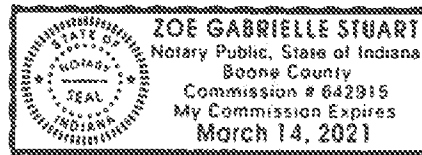
Beth Lorschbach  
Beth Lorschbach

Date: October 2, 2014

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

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

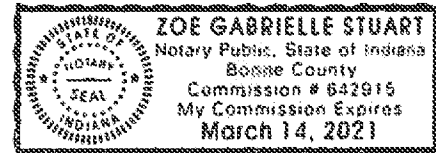
) ss.:

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.

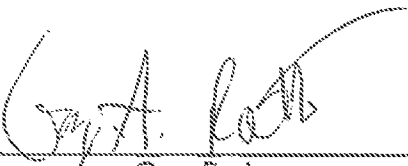
Zoe Gabrielle Stuart  
Notary Public



PATENT

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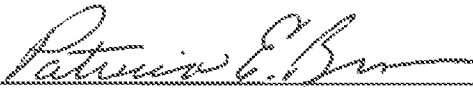
  
\_\_\_\_\_  
Gary Roth

Date: OCTOBER 6, 2014

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

On this 6TH day of OCTOBER, 2014, before me  
personally came Gary Roth, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

PATRICIA E. BROWN  
NOTARY PUBLIC, GLADWIN COUNTY, MI  
ACTING IN THE COUNTY OF MIDLAND, MI  
(MY COMMISSION EXPIRES: FEBRUARY 4, 2023)

  
\_\_\_\_\_  
Notary Public

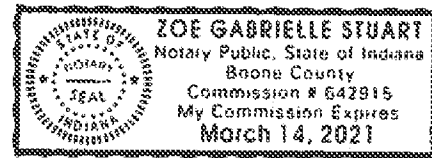
Carl DeAmicis  
 Carl DeAmicis

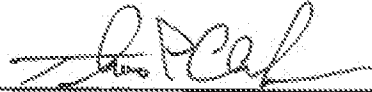
Date: October 2, 2014

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

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





Thomas P. Clark

Date: 2/2/2 2/2/2015

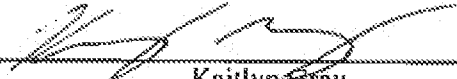
United States of America )  
State of Michigan ) ss.:  
County of Midland )

On this 2 day of February, 2015, before me  
personally came Thomas P. Clark, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

  
Notary Public

*Paula Sue Herr*  
NOTARY PUBLIC, MICHIGAN  
MY COMMISSION EXPIRES APRIL 07, 2018

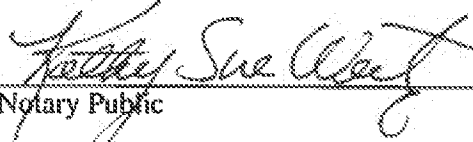


  
Kaitlyn Gray

Date: January 26, 2015

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

On this 26 day of January, 2015, before me  
personally came Kaitlyn Gray, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

  
Notary Public  
Kathy Sue Wert  
Notary Public, Midland County, Michigan  
My Commission Expires April 07, 2018



B Canturk

Belgin Canturk

Date: October 2, 2014

United States of America

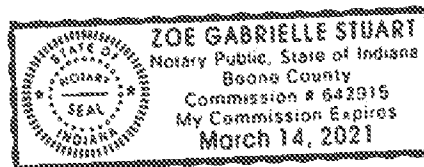
State of


County of

Indiana ) ss.:  
Madison )

On this 2nd day of October, 2014, before me personally came Belgin Canturk, 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



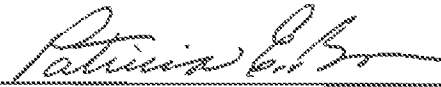
  
Elisabeth J. Kane

Date: OCTOBER 6, 2014

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

On this 6TH day of OCTOBER, 2014, before me  
personally came Elisabeth J. Kane, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

**PATRICIA M. BROWN**  
NOTARY PUBLIC, GLADWIN COUNTY, MI  
ACTING IN THE COUNTY OF MIDLAND, MI  
MY COMMISSION EXPIRES: FEBRUARY 4, 2020

  
Notary Public

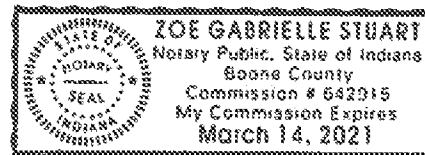
Yu Zhang  
Yu Zhang

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 Yu Zhang, 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





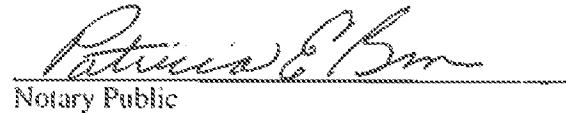
Joseck M. Muhuhi

Date: OCTOBER 6, 2014

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

On this 6TH day of OCTOBER, 2014, before me  
personally came Joseck M. Muhuhi, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

**PATRICIA E. BROWN**  
NOTARY PUBLIC, GLADWIN COUNTY, MI  
ACTING IN THE COUNTY OF MIDLAND, MI  
MY COMMISSION EXPIRES: FEBRUARY 4, 2017

  
Notary Public