504793113 02/26/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4839845

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIANG YANG	11/05/2013
BETH LORSBACH	11/12/2013
GREGORY T. WHITEKER	11/05/2013
GARY ROTH	11/05/2013
CARL DEAMICIS	11/05/2013
THOMAS P. CLARK	11/13/2013

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:	14829174	

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: 317-337-4589

Email: gjarnecke@dow.com

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

Address Line 4: INDIANAPOLIS, INDIANA 46268

ATTORNEY DOCKET NUMBER:	74676-US-DIV
NAME OF SUBMITTER:	GINA A. JARNECKE
SIGNATURE:	/Gina A. Jarnecke/
DATE SIGNED:	02/26/2018

Total Attachments: 9

PATENT REEL: 045037 FRAME: 0043

504793113

source=74676 US PSP Executed Assignment#page1.tif	
source=74676 US PSP Executed Assignment#page2.tif	
source=74676 US PSP Executed Assignment#page3.tif	
source=74676 US PSP Executed Assignment#page4.tif	
source=74676 US PSP Executed Assignment#page5.tif	
source=74676 US PSP Executed Assignment#page6.tif	
source=74676 US PSP Executed Assignment#page7.tif	
source=74676 US PSP Executed Assignment#page8.tif	
source=74676 US PSP Executed Assignment#page9.tif	

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made effective this 17 day of October, 2013, by Qiang Yang; Beth Lorsbach; Gregory T. Whiteker; Gary Roth; Carl DeAmicis; and Thomas P. Clark (hereinafter referred to as Assignors), residing at; 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; and 906 Holyrood Street, Midland, Michigan 48640, 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 October 17, 2013 as U.S. Application No. 61/892,118; 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, for good and valuable consideration and/or the remuneration received for my/our work and/or other goods 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

74676-US-PSP

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

2 74676-US-PSP

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.

3 74676-US-PSP

11/05/2013 Date:

United States of America

State of Indiana) ss.: County of Marion

day of November, 2013, before me Qiang Yang, to me known to be the individual On this

described in and who executed the foregoing instrument, and acknowledged execution of the same.

ANNE C HARVEY

Notary Public, State of Indiana

Marion County

Commission # 627321

My Commission Expires

June 21, 2019

	Bett I shall
	Beth Lorsbach
Date:	2/13
United States of Ame	erica)
State of	Indiana) ss.:
County of	Marion)
On this 2 personally came described in and who of the same.	day of November, 2013, before me Beth Lorsbach, to me known to be the individual executed the foregoing instrument, and acknowledged execution
	Notary Public
	ANNE C HARVEY Notary Public, State of Indiana Marion County Commission # 627321 My Commission Expires June 21, 2019

			meguy 1	
			Gregory T. V	Whiteker
Date: $\frac{1}{\sqrt{5}}$	/13			
United States of Amer	rica)		
State of	Indiana) ss.:		
County of	Marion)		
On this	Gregory T. W	hiteker ,	nd acknowledged	be the individual
		SEA MOTA	Notary Public, S	County n # 627321 sion Expires

Say A. Kath
Gary Roth
Date: November 5, 2013
United States of America
State of Michigan) ss.:
County of Midland
On this 5 day of November, 2013, 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.
Notary Public
MY COMMISSION EXPIRES APRIL 07, 2018
74 102 07, 2018

		Carl	2 La Cem	wis
		Ca	arl DeAmicis	
Date: New	5 20/3			
United States of Ame	rica)			
State of	Indiana) ss.	:		
County of	Marion)			
On this personally came described in and who of the same.	Carl DeAmicis executed the foregoing instru		own to be the indi	ividual
	, ,	SEAL Com	NNE C HARVEY Public State of Indiana Marron County Imission # 627321 ommission Expires JNE 21, 2019	

		- Sur C	2L
		Thomas F	P. Clark
Date: $\frac{11/13/20}{20}$	013		
United States of Americ	ea)	
State of	Michigan) ss.:	
County of	Midland		
personally came	day of Novem Thomas P. Cla secuted the foregoing		_, before me be the individual d execution
		(/Kathy Sue Weriz NOTARY PUBLIC, MIDLAND COUNTY	. MICHIGAN
		MY COMMISSION EXPIRES APRIL	07, 2018

RECORDED: 02/26/2018