

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3255644

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUSTIN M LIRA	02/11/2013
HOLLY J BUTLER	02/14/2013
KENNETH A NARVA	02/11/2013
THOMAS MEADE	02/18/2013
DOUG A SMITH	02/15/2013
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:	13669130
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	3173374820
Email:	mdlyons@dow.com
Correspondent Name:	DOW AGROSCIENCES LLC
Address Line 1:	9330 ZIONSVILLE ROAD
Address Line 4:	INDIANAPOLIS, INDIANA 46268
ATTORNEY DOCKET NUMBER:	67321 NP
NAME OF SUBMITTER:	MICHELE LYONS
SIGNATURE:	/Michele Lyons/
DATE SIGNED:	03/09/2015
Total Attachments: 16	
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, effective as of the 5th day of November, 2012, by Justin M. Lira; Holly J. Butler; Doug A. Smith; Kenneth Narva; and Thomas Meade (hereinafter referred to as Assignors), residing at 8974 Windpointe Pass, Zionsville, Indiana 46077; 1106 Fairway Drive, Indianapolis, Indiana 46260; 19038 Edwards Grove Drive, Noblesville, Indiana 46060; 4372 Creekside Pass, Zionsville, Indiana 46077; and 1141 Huntington Woods Pointe, Zionsville, Indiana 46077, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in DIG-3 INSECTICIDAL CRY TOXINS, set forth in a Patent application for Letters Patent of the United States, already filed on November 5, 2012 as U.S. Application No. 13/669,130; 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

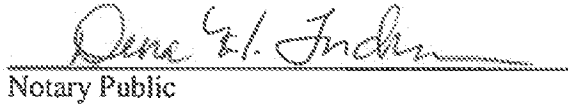
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.


Justin M. Lira

Date: Feb 11 2013

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

On this 11th day of February, 2013, before me personally came Justin M. Lira, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



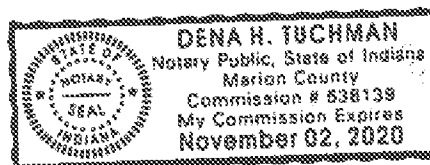
Holly J. Butler
Holly J. Butler

Date: 2/14/2013

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

On this 14th day of February, 2013, before me personally came Holly J. Butler, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Dena H. Tuchman
Notary Public



Doug A. Smith

Date: _____

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

On this _____ day of _____, _____, before me personally came _____ Doug A. Smith _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Kenneth Narva

Kenneth Narva

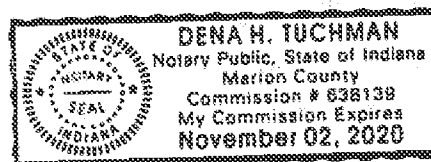
Date: 2/11/13

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

On this 11th day of February, 2013, before me
personally came Kenneth Narva, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Dena H. Tuchman

Notary Public

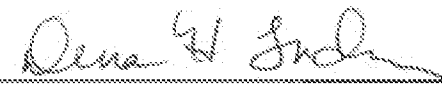


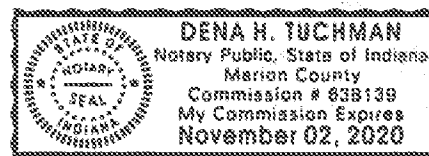

 Thomas Meade

Date: 2/18/13

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

On this 18th day of February, 2013, before me
 personally came Thomas Meade, to me known to be the individual
 described in and who executed the foregoing instrument, and acknowledged execution
 of the same.


 Notary Public



ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, effective as of the 5th day of November, 2012, by Justin M. Lira; Holly J. Butler; Doug A. Smith; Kenneth Narva; and Thomas Meade (hereinafter referred to as Assignors), residing at 8974 Windpointe Pass, Zionsville, Indiana 46077; 1106 Fairway Drive, Indianapolis, Indiana 46260; 19038 Edwards Grove Drive, Noblesville, Indiana 46060; 4372 Creekside Pass, Zionsville, Indiana 46077; and 1141 Huntington Woods Pointe, Zionsville, Indiana 46077, respectively;

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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.

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

Notary Public

Date: _____

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

Notary Public



Doug A. Smith

Date: 2/15/13

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

On this 15 day of FEBRUARY, 2013, before me
 personally came Doug A. Smith, to me known to be the individual
 described in and who executed the foregoing instrument, and acknowledged execution
 of the same.



Notary Public



RUSSELL B. CATE
 MY COMMISSION EXPIRES: 05-23-2018
 MY COMMISSION NUMBER IS: 618078
 MY COUNTY OF RESIDENCE IS: HAMILTON

Date: _____

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

On this _____ day of _____, _____, before me personally came _____ Kenneth Narva _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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