

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3270874

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KENNETH NARVA	02/28/2012
HUARONG LI	02/22/2012
CHAOXIAN GENG	02/22/2012
IGNACIO M LARRINUA	02/22/2012
MONICA B OLSON	02/22/2012
NAVIN ELANGO	02/22/2012
MATTHEW J HENRY	02/22/2012
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:	13341613
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:	70760 NP
NAME OF SUBMITTER:	MICHELE LYONS
SIGNATURE:	/Michele Lyons/
DATE SIGNED:	03/18/2015

Total Attachments: 10

source=70760#page1.tif
source=70760#page2.tif
source=70760#page3.tif
source=70760#page4.tif
source=70760#page5.tif
source=70760#page6.tif
source=70760#page7.tif
source=70760#page8.tif
source=70760#page9.tif
source=70760#page10.tif

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made effective this 30th day of December, 2011, by Kenneth Narva; Huarong Li; Chaoxian Geng; Ignacio M. Larrinua; Monica B. Olson; Navin Elango; and Matthew J. Henry (hereinafter referred to as Assignors), residing at 4372 Creekside Pass, Zionsville, Indiana 46077; 6203 Eagle Lake Drive, Zionsville, 46077; 6206 Eagle Lake Drive, Zionsville, Indiana 46077; 7332 Bramblewood Lane, Indianapolis, Indiana 46254; 4760 South Budd Road, Lebanon, Indiana 46052; 8385 Chadwood Lane West Drive; Apt. 1B, Indianapolis, Indiana 46268; and 8226 Beech Knoll, Indianapolis, Indiana 46256, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in NUCLEIC ACID MOLECULES THAT TARGET THE VACUOLAR ATPASE C SUBUNIT AND CONFER RESISTANCE TO COLEOPTERAN PESTS, set forth in a Patent application for Letters Patent of the United States, already filed on December 30, 2011 as U.S. Application No. 13/341,613; 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 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 of Patent 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.

Kenneth Narva
Kenneth Narva

Date: Feb. 28, 2012

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

On this 28th day of February, 2012, 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.

Linda K. Vensel

Linda K. Vensel
Notary Public, State of Indiana
Hamilton County
Commission # 613948
My Commission Expires
December 02, 2017

Huarong Li

Huarong Li

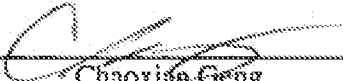
Date: 02/22/2012

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

On this 22nd day of February, 2012, before me personally came Huarong Li, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Linda K. Vensel

Linda K. Vensel
Notary Public, State of Indiana
Hamilton County
Commission # 613948
My Commission Expires
December 02, 2017




Chaoxian Geng

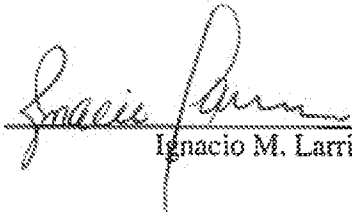
Date: 2/22/2012

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

On this 22nd day of February, 2012, before me
personally came Chaoxian Geng, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Linda K. Vensel
Notary Public, State of Indiana
Hamilton County
Commission # 613948
My Commission Expires
December 02, 2017

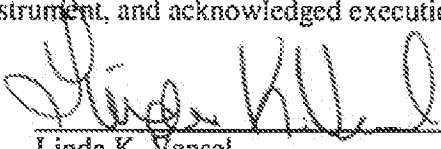


Ignacio M. Larrinua

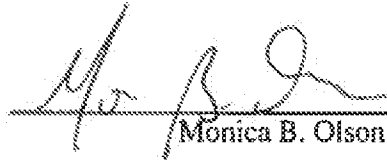
Date: 2/22/2012

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

On this 22nd day of February, _____, before me personally came Ignacio M. Larrinua, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Linda K. Vensel
Notary Public, State of Indiana
Hamilton County
Commission # 613948
My Commission Expires
December 02, 2017

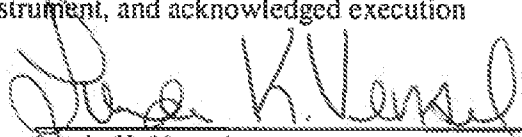


Monica B. Olson

Date: Feb 22, 2012

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

On this 22nd day of February, 2012, before me
personally came Monica B. Olson, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Linda K. Vensel
Notary Public, State of Indiana
Hamilton County
Commission # 613948
My Commission Expires
December 02, 2017



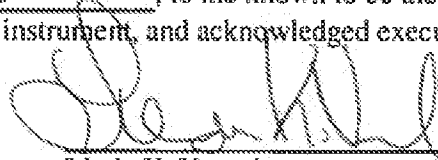


Navin Elango


Date: Feb 22, 2012

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

On this 22nd day of February, 2012, before me personally came Navin Elango, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



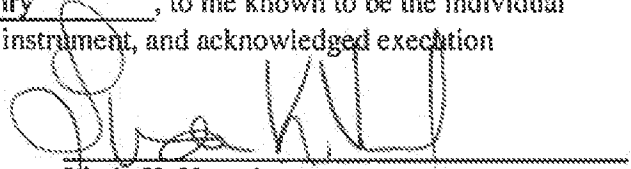
Linda K. Vensel
Notary Public, State of Indiana
Hamilton County
Commission # 613948
My Commission Expires
December 02, 2017


Matthew J. Henry

Date: 22nd February 2012

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

On this 22nd day of February, 2012, before me personally came Matthew J. Henry, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Linda K. Vensel
Notary Public, State of Indiana
Hamilton County
Commission # 613948
My Commission Expires
December 02, 2017