

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2742536

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>VIPULA SHUKLA</td> <td>02/06/2014</td> </tr> <tr> <td>MANJU GUPTA</td> <td>02/10/2014</td> </tr> <tr> <td>MICHIEL JAN DE BOTH</td> <td>02/04/2014</td> </tr> <tr> <td>PAUL BUNDOCK</td> <td>02/19/2014</td> </tr> <tr> <td>LAKSHMI SASTRY-DENT</td> <td>02/07/2014</td> </tr> </tbody> </table>		Name	Execution Date	VIPULA SHUKLA	02/06/2014	MANJU GUPTA	02/10/2014	MICHIEL JAN DE BOTH	02/04/2014	PAUL BUNDOCK	02/19/2014	LAKSHMI SASTRY-DENT	02/07/2014
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PAUL BUNDOCK	02/19/2014												
LAKSHMI SASTRY-DENT	02/07/2014												
RECEIVING PARTY DATA													
Name:	DOW AGROSCIENCES LLC												
Street Address:	9330 ZIONSVILLE ROAD												
City:	INDIANAPOLIS												
State/Country:	INDIANA												
Postal Code:	46268												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13875992</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13875992								
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Application Number:	13875992												
CORRESPONDENCE DATA													
Fax Number:	(317)337-4847												
Phone:	3173374820												
Email:	mdlions@dow.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	DOW AGROSCIENCES LLC												
Address Line 1:	9330 ZIONSVILLE ROAD												
Address Line 4:	INDIANAPOLIS, INDIANA 46268												
ATTORNEY DOCKET NUMBER:	71860 NP												
NAME OF SUBMITTER:	MICHELE LYONS												

Signature:	/Michele Lyons/
Date:	02/25/2014
Total Attachments: 10 source=71860 US NP Executed Joint Assignment#page1.tif source=71860 US NP Executed Joint Assignment#page2.tif source=71860 US NP Executed Joint Assignment#page3.tif source=71860 US NP Executed Joint Assignment#page4.tif source=71860 US NP Executed Joint Assignment#page5.tif source=71860 US NP Executed Joint Assignment#page6.tif source=71860 US NP Executed Joint Assignment#page7.tif source=71860 US NP Executed Joint Assignment#page8.tif source=71860 US NP Executed Joint Assignment#page9.tif source=71860 US NP Executed Joint Assignment#page10.tif	

ASSIGNMENT

JOINT

THIS ASSIGNMENT, by Vipula Shukla, Manju Gupta, Michiel Jan De Both and Paul Bundock and Lakshmi Sastry-Dent (hereinafter referred to as the assignors), residing at Seattle, Washington, Indianapolis, Indiana, Wageningen, Netherlands, Wageningen, Netherlands and Indianapolis, Indiana respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in TARGETED MODIFICATION OF MALATE DEHYDROGENASE set forth in an application for Letters Patent of the United States, bearing Serial No. 13/875,992 and filed on May 2, 2013 which claims priority to U.S. Provisional Patent Application No. 61/641,776 filed on May 2, 2012 and U.S. Provisional Patent Application No. 61/780,512 filed on March 13, 2013; and

WHEREAS, Dow AgroSciences LLC, having its principal place of business at 9330 Zionsville Road, Indianapolis, Indiana 46268-1054 (hereinafter referred to as the 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 or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, 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, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Union for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said 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, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignors will, whenever counsel of the said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, 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 Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

Date: _____ Name of Inventor: Vipula Shukla

United States of America)
State of _____) ss.:
County of _____)

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

Notary Public

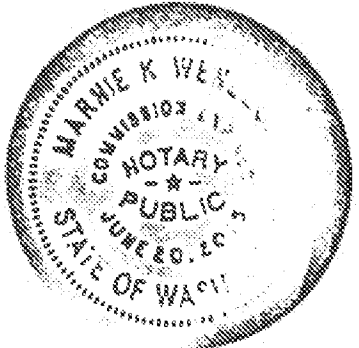
Date: Feb 6 2014 Name of Inventor:

Vipula Shukla
Vipula Shukla

United States of America)
State of Washington) ss.:
County of King)

On this 6th day of February, 2014, before me personally came Vipula K. Shukla, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Marnie K. Welch
Notary Public



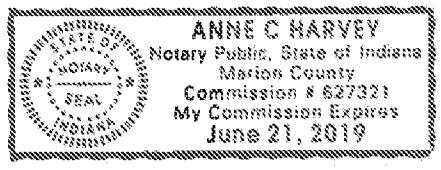
Date: 2-10-2014

Name of Inventor: *Manju Gupta*
Manju Gupta

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

On this 10 day of February, 2014, before me
personally came Manju Gupta, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Anne C Harvey
Notary Public



Date: February 4, 2014

Name of Inventor:



Atty Dkt No. 8326-4008
71860-US-NP

Michiel Jan De Both

This form 881 is in the ENGLISH language and has the same meaning in other languages with the same 881 number.

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FORM 881

**SUBSCRIBING WITNESS
AFFIDAVIT OF EXECUTION
OF AN ASSIGNMENT**

I, W.M.C. Ubong

Whose full post office address is:

P.O. Box 276
6700 AE Wageningen
The Netherlands


Make oath and say that I was personally present and did see:

Michiel Jan De Both

Who is personally known or identified to me to be the inventor(s) named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: Wageningen

On this 4th day of February, 2014



Subscribing Witness

Date: 11/2/2014

Name of inventor:



Paul Bundock

Atty Dkt No. 8326-4008
71860-US-NP

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FORM 881

**SUBSCRIBING WITNESS
AFFIDAVIT OF EXECUTION
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I, M C Zilstra

Whose full post office address is:

P.O. Box 216
6700 AE Wageningen
The Netherlands

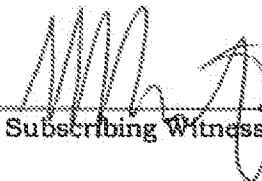
Make oath and say that I was personally present and did see:

Paul Bundock

Who is personally known or identified to me to be the inventor(s) named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: Wageningen

On this 19th day of February, 2014


Subscribing Witness

Date: Feb 7, 2014

Name of Inventor: Lakshmi Sastry Dent
Lakshmi Sastry-Dent

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

On this 7 day of February, 2014, before me personally came Lakshmi Sastry-Dent, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Anne C Harvey
Notary Public

