

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LAKSHMI SASTRY-DENT	07/18/2017
W MICHAEL AINLEY	08/09/2017
JAYAKUMAR P SAMUEL	07/13/2017
ZEHUI CAO	08/04/2017
LIU Y SHEN	08/05/2017
CRISTIE M DEWES	08/08/2017
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:	14475968
CORRESPONDENCE DATA	
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<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>	
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Address Line 1:	9330 ZIONSVILLE ROAD
Address Line 4:	INDIANAPOLIS, INDIANA 46268
ATTORNEY DOCKET NUMBER:	74813-US-NP
NAME OF SUBMITTER:	PEGGY POLLARD
SIGNATURE:	/PEGGY POLLARD/
DATE SIGNED:	08/15/2017
Total Attachments: 9	

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made effective this 3rd day of September, 2014, by Lakshmi Sastry-Dent; W. Michael Ainley; Jayakumar P. Samuel; Zehui Cao, Liu Y. Shen; and Cristie M. Dewes (hereinafter referred to as Assignors), residing at 2239 Stone Manor Ct., Avon, Indiana 46123; 1474 Clearwater Court, Carmel, Indiana 46032; 3336 Kilkenny Circle, Carmel, Indiana 46032; 13719 Stanford Drive, Westfield, Indiana 46074; 14207 Nicholas Drive, Westfield, Indiana 46074; and 5828 Blackley Lane, Indianapolis, Indiana 46254, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in RAPID TARGETING ASSAY IN CROPS FOR DETERMINING DONOR INSERTION, *set forth in an* Application for Letters Patent of the United States, already filed on September 3, 2014 as U.S. Application No. 14/475968; 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 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 Provisional 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.

Lakshmi Sastry Dent

Lakshmi Sastry-Dent

Date: July 18, 2017

W. Michael Ainley
W. Michael Ainley

Date: 8/9/17



Jayakumar P. Samuel

Date: 07/13/2017

Date: 08/04/2017


Zehui Cao



Liu Y. Shen

Date:

8/5/17

Cristie M. Dewes
Cristie M. Dewes

Date: August 8, 2017