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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4494886

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	ATA				
		Name Execution	Date		
NORBERT M. SATCHIVI	I	10/14/2010			
PAUL R. SCHMITZER		10/14/2010			
RECEIVING PARTY DA	ТА				
Name:	DOW AGROSCIENCES LLC				
Street Address:	9330 ZIONSVILLE ROAD				
City:	INDIANAPOLIS				
State/Country:	INDIANA				
Postal Code:	46268				
	Total: 1				
PROPERTY NUMBERS	Total: 1	Number			
PROPERTY NUMBERS Property Type Application Number:		Number 15208008			
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Total Attachments: 5

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made effective this 28th day of October, 2010, by Norbert M. Satchivi and Paul R. Schmitzer (hereinafter referred to as Assignors), residing at 3100 Cherub Court, Westfield, Indiana 46074; and 7960 North Whittier Place, Indianapolis, Indiana 46250, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SAFENING 6-AMINO-2-(SUBSTITUTED PHENYL)-5-SUBSTITUTED-4-PYRIMIDINECARBOXYLATE HERBICIDE INJURY ON CEREAL CROPS, set forth in a Patent application for Letters Patent of the United States, already filed on 28 October 2010 as U.S. Application No. 12/913,879; 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 46268-1054 (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

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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.

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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.

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Application No.: 12/913,879

			Nörbert M. Satcl	<u>hivi</u>
Date: 10 -14 -	2010			
United States of Ame	rica)		
State of	eder Fritz) ss.:		
County of	Marcon)		
On this <u>U</u> (th) personally came described in and who	day of <u>Norbert M. Sate</u>	~~~~~~	$\underline{\partial} \underline{\partial} \underline{\partial} \underline{\partial}$, be to me known to be the acknowledged exercise	he individual
of the same.		Notary P	Was 4.V	ensil
			UNDA K. VI Notary Public, Stat Hamilton C. Commission & My Commission December U	ENSEL e of Indiana ounty 610048 5 Expires

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Paul R. Schmidzer

14 October 2010 Date: United States of America State of) ss.: County of \mathbb{N}^{n} いしてい 6487 On this day of , before me Paul R. Schmitzer , to me known to be the individual personally came described in and who executed the foregoing instrument, and acknowledged execution of the same. Notary Public



PATENT REEL: 042941 FRAME: 0180

RECORDED: 07/10/2017