504268484 03/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4315164

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRANDON RAPIER	11/15/2013
CAROL POWERS	11/15/2013

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:	14100713

CORRESPONDENCE DATA

Fax Number: (317)337-4847

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.

Phone: 3173374844

Email: dhtuchman@dow.com

Correspondent Name: DOW AGROSCIENCES LLC Address Line 1: 9330 ZIONSVILLE ROAD

Address Line 4: INDIANAPOLIS, INDIANA 46268

ATTORNEY DOCKET NUMBER:	71866-US-NP
NAME OF SUBMITTER:	DENA TUCHMAN
SIGNATURE:	/DENA H. TUCHMAN/
DATE SIGNED:	03/13/2017

Total Attachments: 11

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PATENT REEL: 041554 FRAME: 0114

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made effective as of the 10th day of December, 2012, by Brandon Rapier; Carol Powers; and Christof Stoll (hereinafter referred to as Assignors), residing at 236 Saddlebrook Court, Zionsville, Indiana 46077; 1307 E. 52nd Street, Indianapolis, Indiana 46206; and Föhrendamm 23, 48282 Emsdetten, GERMANY, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in RECOVERY OF GENOMIC DNA FROM REMNANT EXTRACTED SEED SAMPLES, set forth in a Patent application for Letters Patent of the United States, already filed on December 10, 2012 as U.S. Application No. 61/735,485; and

WHEREAS, Agrigenetics, Inc., a corporation 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

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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 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

71866-US-PSP

with the rules of the United States Patent and Trademark Office for recordation of this document:

AGRIGENETICS, INC.

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.

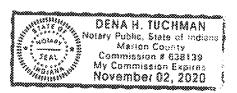
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5 mla	- Pagain
Brandon	Rapier

Date: 11/5	La	o -	
United States of America	38)	
State of	Indiana	_) ss.:	
County of	Marion		
On this	day of 1) ou	ember, 20	(3, before me
personally came	Brandon Rap	ier, to me l	known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution			

of the same.

Notary Public



	Arol Maca
	Carol Powers
Date://_	<u>6/2013</u>
United States of Amer	ica)
State of	Indiana) ss.:
County of	Marion)
On this 1540 personally came described in and who e of the same.	day of Molecular, 2013, before me Carol Powers, to me known to be the individual executed the foregoing instrument, and acknowledged execution Output Notary Public
	DENA H. TUCHMAN Notary Public, State of Induses Marion County SEAL SEAL My Commission # 638139 My Commission Express November 02, 2020

		***********	Christof Stoll
Date:			
Germany)		
State of)	88.0	
County of)		
On this	day of	ę	, before me
personally came	Christof Stoll		, to me known to be the individual
described in and who	o executed the foregoing in		and acknowledged execution
			y Public

PATENT REEL: 041554 FRAME: 0120

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made effective as of the 10th day of December, 2012, by Brandon Rapier; Carol Powers; and Christof Stoll (hereinafter referred to as Assignors), residing at 236 Saddlebrook Court, Zionsville, Indiana 46077; 1307 E. 52nd Street, Indianapolis, Indiana 46206; and Föhrendamm 23, 48282 Emsdetten, GERMANY, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in RECOVERY OF GENOMIC DNA FROM REMNANT EXTRACTED SEED SAMPLES, set forth in a Patent application for Letters Patent of the United States, already filed on December 10, 2012 as U.S. Application No. 61/735,485; and

WHEREAS, Agrigenetics, Inc., a organized under and pursuant to the laws of Delaware having its principal place of business at 9330 Zionsville Road, Indiana 46268 (hereinafter referred to as Assignce), 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 remoneration 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 reissoes, 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.

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LND for the same consideration, Assignors hereby represent and warrant to

In successors, legal representatives and assigns, that, at the time of execution and
of these presents, except for any rights, titles and/or interests that have arisen to

I awful owners of the entire right, title and interest in and to the said inventions and
I awful owners 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 berein set forth.

AND for the same consideration, Assignors bereby 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:

AGRIGENETICS, INC.

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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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Date: <u>// //</u>	<u> 1. 2013</u>		· ·		
Germany State of County of	NRW) sś.: 			
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of the same.	A DELLAND		<u> </u>		easin

PATENT REEL: 041554 FRAME: 0124 Urkundenrolle Nr.: 351 / 2013

Umstehende, vor mir gefertigte Unterschrift des

Herrn Dr. Christof Stoll, geb. am 17.09.1975, wohnhaft in 48282 Emsdetten, Föhrendamm 23 ausgewiesen durch Bundespersonalausweis

beglaubige ich hiermit.

Die Frage nach einer Vorbefassung im Sinne von § 3 Abs. 1 Nr. 7 BeurkG wurde verneint.

Greven, 11.11.2013



-8 Brummet -Notarin

> PATENT REEL: 041554 FRAME: 0125

RECORDED: 03/13/2017